DOCUMENT RESUME

ED 079 657 CG 008 152

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TITLE Special Analysis of Every Student Survey (Eight Selected Schools).
INSTITUTION Toronto Board of Education (Ontario). Research Dept.
PUB DATE Mar 71
NOTE 10p.

EDRS PRICE MF-$0.65 HC-$3.29
DESCRIPTORS *Family Background; Family Characteristics; Heads of Households; Research Projects; Schools; *Socioeconomic Influences; *Special Education; Special Programs; Statistical Data; *Student Characteristics; Student Distribution; *Students; Tables (Data)
IDENTIFIERS Every Student Survey; Toronto, Canada

ABSTRACT

This document analyzes a select geographic portion of the total data collected for 'The Every Pupil Survey', a study conducted in the schools of Toronto, Canada. Tables included in the document describe the populations of the eight specific schools in comparison to that of the entire Toronto system. Data analysis indicates that: (1) the majority of the students in these eight schools were born in Canada in English-speaking homes; (2) fewer of these students come from families in the higher parental occupation categories and a larger proportion of them come from a home where there is a "Mother only-housewife" or "unemployed" head of the household; and (3) the pattern reported for all elementary students is retained in this highly specific group of eight schools. Finally, several of the tables include data on the numbers of children who are in special education programs in the eight selected schools and in the city of Toronto as a whole. (Author/SES)

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THE BOARD OF EDUCATION FOR THE CITY OF TORONTO

ED 079657

SPECIAL ANALYSIS
OF
EVERY STUDENT SURVEY
(Eight Selected Schools)

E. N. Wright

March, 1971

SPECIAL ANALYSIS OF EVERY STUDENT SURVEY DATA
(Eight Selected Schools)

At its meeting on January 19, 1971, The School Board Advisory Committee passed the following motion:

> "That the Committee request Dr. Wright to provide a table similar to the one on Page 35 of 'The Every Pupil Survey' -- PROGRAMMES ATTENDED BY ELEMENTARY SCHOOL STUDENTS (CATEGORIZED BY OCCUPATION OF HEAD OF HOUSEHOLD) -- for a specific geographical area which includes the following schools: Duke of York, Dundas, Lord Dufferin, Queen Alexandra, Sackville Street, Sprucecourt, Park and Regent Park Public Schools."

To collect the necessary information, the Every Student Survey data file was analyzed for the students from the eight selected schools. This procedure has two shortcomings. It does not include special class students who are transported out of this area to other schools for their programmes. This results in an underrepresentation of students categorized as Special Programme "B". (The term "special programme" rather than "special class" is used in this report to be consistent with the current terminology.) The second problem is Queen Alexandra which includes some Grade 7 and 8 students who came from beyond the geographic area in the request. It is unlikely that this problem distorts the patterns which the Committee wished to examine.

Results

The following tables describe this school population in comparison to the whole Toronto system. Table 1 clearly indicates that relatively few of these students (10.9%) were born outside Canada in comparison with the whole school population (22.1%). Similarly. there are only 11.4% (compared to 23.8% of all Toronto students) who were born in Canada but learned English as a second language. The majority of the students in these schools were born in Canada in English-speaking homes.

Table 2 enables a comparison to be made of the occupational categories of these students' parents with those of the whole Toronto school population. Several items stand out clearly. In the lowest

occupational category the proportions are similar. In the following higher categories, there are progressively fewer students. In comparison to the school population in general, it is also noted that a larger proportion of the students in these eight schools come from a home where there is "mother only - housewife" or "unemployed" head of the household. Also, a larger proportion of these students did not provide codeable information about their parents' occupations.

Data analyses underway indicate that the occupational distributions for students from English-speaking homes is very different from that of students from homes where English was a second language. At this writing enough data are available to say that in comparison to all parents for whom English is the mother tongue, there are more parents in the eight schools from occupational category 2. This is a reasonable comparison to make since 80.5% of the students in the eight schools came from homes where English is the mother tongue.

Tables 3, 4 and 5 will likely be of greatest interest to the Committee. Table 3 gives a numerical count of students by type of class and occupational category. This table is included primarily as a warning. The very small numbers in some categories mean that for these categories, percentages may have little meaning. Table 4 presents the same data as percentages and can be compared with Table 6 (reproduced from the Every Student Survey) provided the cautions about small numbers are remembered.

The most surprising finding is the degree to which the pattern reported for all elementary students is retained in this highly specific group of eight schools. Even the unique pattern for those pupils whose parents are attending school is repeated (a relatively large percentage of these pupils attend junior kindergarten). In essentially every occupational category there is a larger proportion of students in Special Programme "A" for these eight schools. A distortion of the data comes in the Special Programme "B". None of the programmes for deaf, hard of hearing, limited vision, orthopaedic, language or health are present in these eight schools. Students from the geographic area who require these classes are transported to the schools where these programmes are located.

With the assistance of the Special Education Department it was possible to obtain the numbers of students who were omitted from Special Programme "B" because they were transported to other schools for their special programmes. There were 124 students so identified (48 of these were in health classes).

Table 5 presents the data. A comparison with Table 6 indicates that students from these eight schools are much more likely to be attending the Special Programme "B" as well as the Special Programme "A" in comparison to the total school population.

TABLE 1

PERCENTAGE OF ELEMENTARY SCHOOL STUDENTS
BY BACKGROUND CODE (COUNTRY OF BIRTH AND MOTHER TONGUE)

Background Code	All Elementary Students (N = 72082)*	Students in Eight Selected Schools (N = 5793)
1. Born in Canada, English the First Language	53.8	77.3
2. Born in Canada, English Not the First Language	23.8	11.4
3. Not Born in Canada, English the First Language	4.8	3.2
4. Not Born in Canada, English Not the First Language	17.3	7.7
5. No Information	.3	.3
TOTAL	100.0	99.9**

* Compiled from Tables 7 and 8 in The Every Student Survey. Students enrolled in New Canadian classes not included.

** Does not equal 100.0% because of rounding.

TABLE 2

SOCIO-ECONOMIC CODES FOR HEAD OF HOUSEHOLD

Category Number	Blishen's Category	Description of Category	Percentage of All Toronto Students	Percentage of Eight Selected Schools
1		no information or unknown	2.86	6.29
2	25 - 31.9	labourers, truck drivers, taxi drivers, waiters and porters	42.74	44.27
3	32 - 34.9	bartenders, sheetmetal workers, mechanics and repairmen	7.68	6.99
4	35 - 38.9	sales clerks, jewellers, stationary engineers and machinists	4.97	3.41
5	39 - 42.9	pressmen, printing workers, electricians, members of the armed forces and clerical occupations	9.27	6.23
6	43 - 49.9	actors, tool and die makers, medical and dental technicians, embalmers, real estate salesmen, engravers	6.09	2.74
7	50 - 54.9	musicians, stenographers, athletes	4.35	1.75
8	55 - 65.9	clergymen, various owners and managers, insurance salesmen, librarians	4.68	1.10
9	66 - 76.9	teachers, professional engineers, physicians, lawyers accountants, computer programmers, air pilots	8.00	.81
10		retired, pension or on Workman's Compensation	.70	1.58
11		Welfare, Mother's Allowance	.37	.77
12		attending university or other full-time education, including adult retraining	.64	1.08
13		unemployed	3.15	8.25
14		housewife (of relevance in single parent families)	4.40	14.66
15		student on his own, either self-supporting, on Welfare, or drawing an allowance from his parents	.09	0

TABLE 3

PROGRAMMES ATTENDED BY ELEMENTARY SCHOOL STUDENTS IN EIGHT SELECTED SCHOOLS (CATEGORIZED BY OCCUPATION OF HEAD OF HOUSEHOLD)

Occupation	Jr. Kind.	Sr. Kind.	Grade 1 - 8	Special Prog. "A"	Special Prog. "B"	Total Number of Students
2 - labourers, taxi drivers, etc.	133	239	2003	178	11	2564
3 - sheetmetal workers, mechanics, etc.	24	45	316	20	1	406
4 - sales clerks, machinists, etc.	8	17	163	10	0	198
5 - printing workers, electricians, etc.	18	34	293	13	3	361
6 - dental technicians, embalmers, etc.	4	21	130	4	0	159
7 - musicians, athletes, etc.	3	9	87	3	0	102
8 - clergymen, librarians, etc.	7	2	53	1	1	64
9 - accountants, engineers, lawyers, etc.	2	4	39	0	2	47
10 - retired, Workman's Compensation	2	7	42	8	0	59
11 - Welfare, Mother's Allowance	3	5	53	17	0	78
12 - university student, adult retraining	9	10	41	1	1	62
13 - unemployed	18	27	359	71	3	478
14 - housewife	21	89	651	85	5	851
Subtotal	252	509	4230	411	27	5429
1 - unknown	24	44	272	24	0	364
GRAND TOTAL	276	553	4502	435	27*	5793

* See Table 5 for percentages which include the 124 students who are in special programmes located in other schools.

TABLE 4

PROGRAMMES ATTENDED BY ELEMENTARY SCHOOL STUDENTS IN EIGHT SELECTED SCHOOLS
(CATEGORIZED BY OCCUPATION OF HEAD OF HOUSEHOLD)

Occupation	N	Jr. Kind. %	Sr. Kind. %	Grade 1 - 8 %	Special Prog. "A" %	Special Prog. "B" %	Total %
2 - labourers, taxi drivers, etc.	2564	5.2	9.3	78.1	6.9	.4	99.9
3 - sheetmetal workers, mechanics, etc.	406	5.9	11.1	77.8	4.9	.2	99.9
4 - sales clerks, machinists, etc.	198	4.0	8.6	82.3	5.1	0	100.0
5 - printing workers, electricians, etc.	361	5.0	9.4	81.2	3.6	.8	100.0
6 - dental technicians, embalmers, etc.	159	2.5	13.2	81.8	2	0	100.0
7 - musicians, athletes, etc.	102	2.9	8.8	85.3	2.9	0	99.9
8 - clergymen, librarians, etc.	64	10.9	3.1	82.8	1.6	1.6	100.0
9 - accountants, engineers, lawyers, etc.	47	4.3	8.5	83.0	0	4.3	100.1
10 - retired, Workman's Compensation	59	3.4	11.9	71.2	13.5	0	100.0
11 - Welfare, Mother's Allowance	78	3.8	6.4	67.9	21.8	0	99.9
12 - university student, adult retraining	62	14.5	16.1	66.2	1.6	1.6	100.0
13 - unemployed	478	3.8	5.6	75.1	14.9	.6	100.0
14 - housewife	851	2.5	10.5	76.5	10.0	.6	100.1
Subtotal	5429	4.6	9.4	77.9	7.6	.5	100.0
1 - unknown	364	6.6	12.1	74.7	6.6	0	100.0
GRAND TOTAL	5793	4.8	9.5	77.7	7.5	.5*	100.0

* See Table 5 for percentages which include the 124 students who are in special programmes located in other schools.

TABLE 5

PROGRAMMES ATTENDED BY ELEMENTARY STUDENTS
IN EIGHT SELECTED SCHOOLS

	N	Jr. Kind. %	Sr. Kind. %	Grade 1 - 8 %	Special Programme "A" %	Special Programme "B" %	Total %
Students in the eight schools	5793	4.8	9.5	77.7	7.5	.5	100.0
Students from the eight schools <u>including</u> those in special programmes out of district	5917	4.7	9.3	76.1	7.4	2.4	99.9

TABLE 6
(Reproduction of Table 16, Page 35, from The Every Student Survey)

PROGRAMMES ATTENDED BY ELEMENTARY SCHOOL STUDENTS
(CATEGORIZED BY OCCUPATION OF HEAD OF HOUSEHOLD)

Occupation	N	Jr. Kind. %	Sr. Kind. %	Grade 1 - 8* %	Special Class "A" %	Special Class "B" %	Total %
2 - labourers, taxi drivers, etc.	32160	4.1	10.9	79.8	4.1	1.1	100.0
3 - sheetmetal workers, mechanics, etc.	5555	4.4	12.0	78.5	3.7	1.3	99.9
4 - sales clerks, machinists, etc.	3402	3.9	10.4	81.0	3.4	1.3	100.0
5 - printing workers, electricians, etc.	6434	3.6	10.0	81.5	2.1	2.8	100.0
6 - dental technicians, embalmers, etc.	3935	3.5	9.4	83.2	1.9	2.0	100.0
7 - musicians, athletes, etc.	2983	3.8	11.2	81.6	1.4	1.9	99.9
8 - clergymen, librarians, etc.	3159	3.7	12.2	81.2	.8	2.1	100.0
9 - accountants, engineers, lawyers, etc.	5630	2.4	11.8	84.3	.2	1.3	100.0
10 - retired, Workman's Compensation	263	2.7	8.4	78.7	8.0	2.3	100.1
11 - Welfare, Mother's Allowance	283	3.5	12.0	70.0	13.4	1.1	100.0
12 - university student, adult retraining	529	10.2	18.5	68.2	1.7	1.3	99.9
13 - unemployed	2118	2.7	7.7	79.7	8.7	1.0	99.8
14 - housewife	3690	2.9	11.1	77.4	7.1	1.4	99.9
TOTAL	72106**	3.8	11.0	80.3	3.5	1.4	100.0

* Ungraded classes included, special English classes not included.

** No information for 1965 students ; no students in occupational category 15.